

North Kenmore Portal Facts at a Glance

The North Kenmore Portal sits at a point on the conveyance corridor where three separate tunnels will meet. A pipe in one tunnel will convey influent (untreated wastewater) from the South Kenmore Portal. A pipe in a second tunnel will convey effluent (treated wastewater) to the Ballinger Way Portal in Shoreline. The third tunnel holds an influent pipeline and an effluent pipeline that will carry wastewater to and from the North Creek Portal in Bothell as part of the treatment process.

Location: 80th Ave NE and NE 195th Street at rural residential property in Kenmore

Property size: 8.8 acres

Estimated construction duration: 3.5 to 4 years

Existing land uses: Rural residential

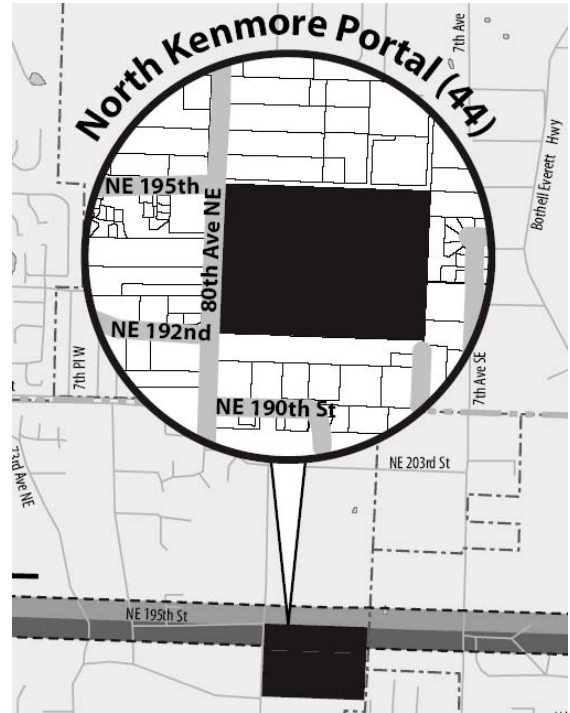
Construction purpose: Tunnel boring machine launch and retrieval, spoils receiving; local connection to Swamp Creek Trunk

Portal shaft depth: 80 feet

Portal shaft diameter: 50 feet

Portal earthwork volumes: 8,000 cubic yards

Proposed post-construction permanent structures and functions: A below ground drop structure will be built and an above ground odor control unit where air will be treated before it is released. The above ground structure will be about 1,900 square feet and 20 feet high.



Tunneling Activities

South Kenmore Portal to North Kenmore Portal

- ❖ **Tunnel reach/diameter:** 1.5 miles; 14 feet
- ❖ **Tunnel earthwork volumes:** 52,000 cubic yards

North Kenmore Portal to North Creek Portal (a combined tunnel with an influent pipeline and an effluent pipeline)

- ❖ **Tunnel reach/diameter:** 2.4 miles; 24 feet
- ❖ **Tunnel earthwork volumes:** 277,000 cubic yards

North Kenmore Portal to Ballinger Way Portal

- ❖ **Tunnel reach/diameter:** 4.1 miles; 14 feet
- ❖ **Tunnel earthwork volumes:** 161,000 cubic yards

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North Kenmore Portal

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Active Construction

Construction at the North Kenmore Portal is expected to begin in 2006 and go through 2010, and will include:

- ❖ Tunneling from the North Kenmore Portal to the Ballinger Way Portal
- ❖ Tunneling from the North Kenmore Portal to the North Creek Portal
- ❖ Tunneling from the South Kenmore Portal to the North Kenmore Portal
- ❖ Construction of permanent facilities

The information for this fact sheet is from the Brightwater Final Environmental Impact Statement, which is available on the project Web site at <http://dnr.metrokc.gov/WTD/brightwater/env/feis.htm> or by contacting the Brightwater project team (see below).

For more information or to be added to our mailing list, please contact the Brightwater project team:

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This information is available in alternative formats upon request by calling 206-684-1280 or Relay Service 711